



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Thursday, September 27, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



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Today

- Isolated heavy rain/flash flooding possible in **STX**.
- River flooding will continue on the Trinity River in **NTX** and Nueces in **STX**.

Friday - Monday

- River flooding will continue on the Trinity River in **NTX** and Nueces in **STX**.
- Heavy rain/flash flooding possible beginning Monday over portions of **NM** and **Far WTX**.

Tropical Outlook

- **Kirk** is moving toward the west-northwest near 16 mph. A westward to west-northwestward motion is expected through the weekend.
 - Rapid weakening is expected on Friday after Kirk moves over the eastern Caribbean Sea.
 - No impacts to FEMA Region 6 are expected.
- Post-tropical **Cyclone Leslie** is forecast to meander over the central Atlantic for the next day or so. No impacts to FEMA Region 6.
- **Hurricane Rosa** is forecast to move towards the Baja Peninsula early next week. This system may bring moisture/heavy rain into New Mexico beginning early next week and, with another tropical system forecast to take a similar path, may last throughout much of the week as well.

FEMA Region 6 Threat Matrix

Sept 27, 2018 – Oct 1, 2018



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DAY / THREAT	THU	FRI	SAT	SUN	MON
Severe Storms					
Heavy Rain / Flash Flooding	STX				NM, Far W TX
Fire Weather					
Tropical Weather					
River Flooding	Nueces River (STX)	Nueces River (STX)	Nueces River (STX)	Nueces River (STX)	Nueces River (STX)
	Trinity River (NTX)	Trinity River (NTX)	Trinity River (NTX)	Trinity River (NTX)	Trinity River (NTX)

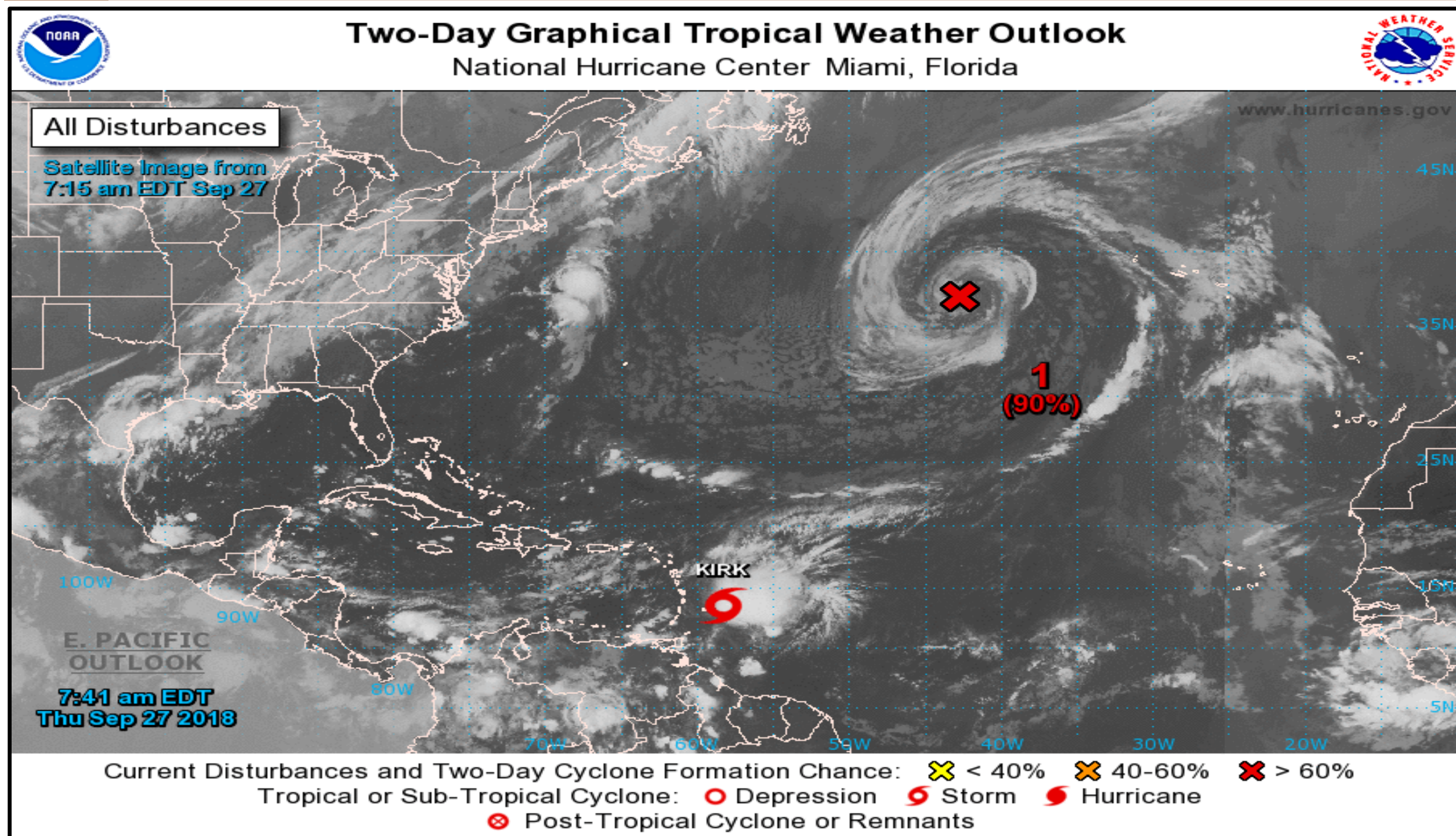
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

Tropical Weather Outlook – Atlantic/Gulf

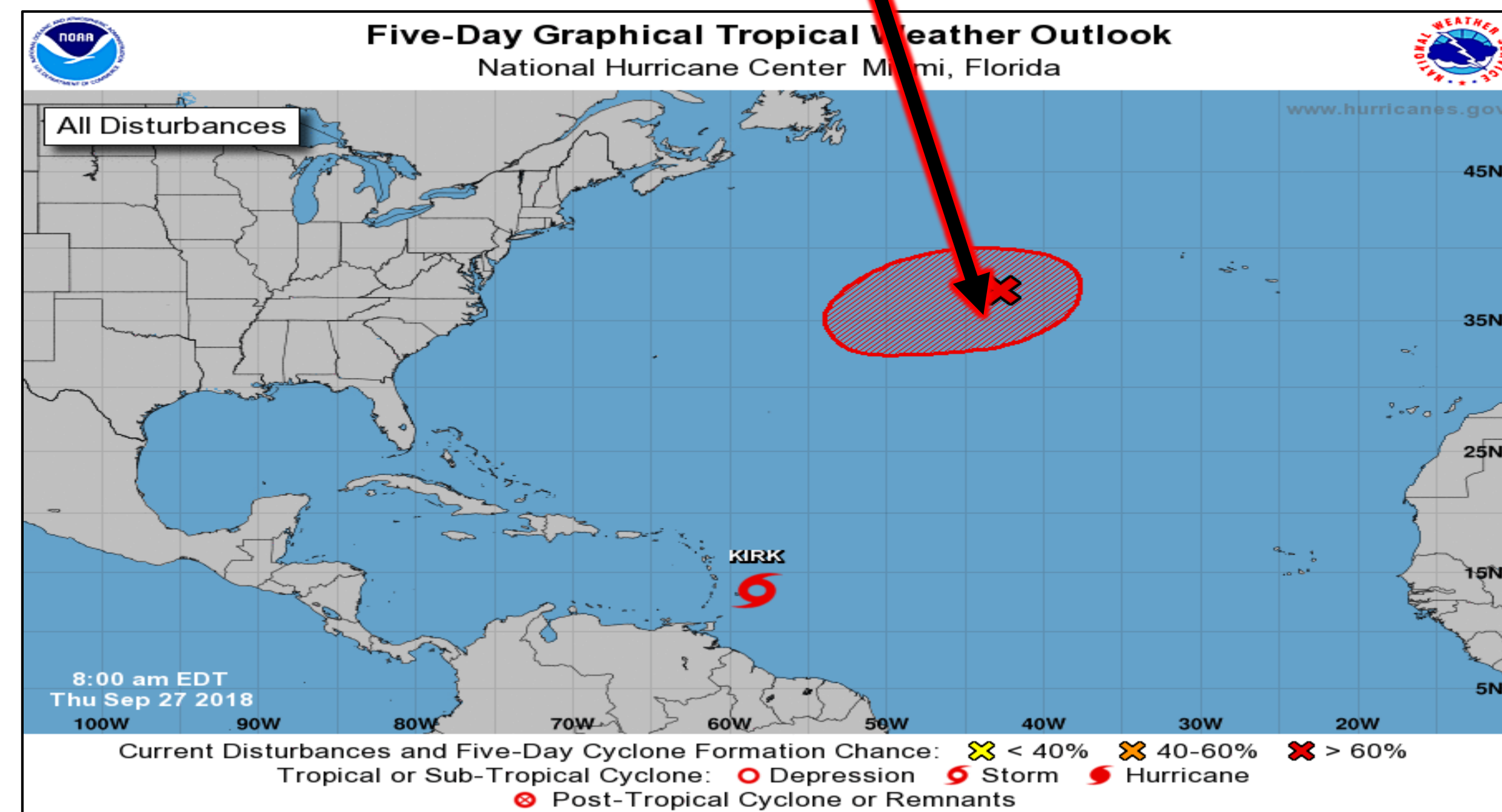


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See next slide for more information on Tropical Storm Kirk.

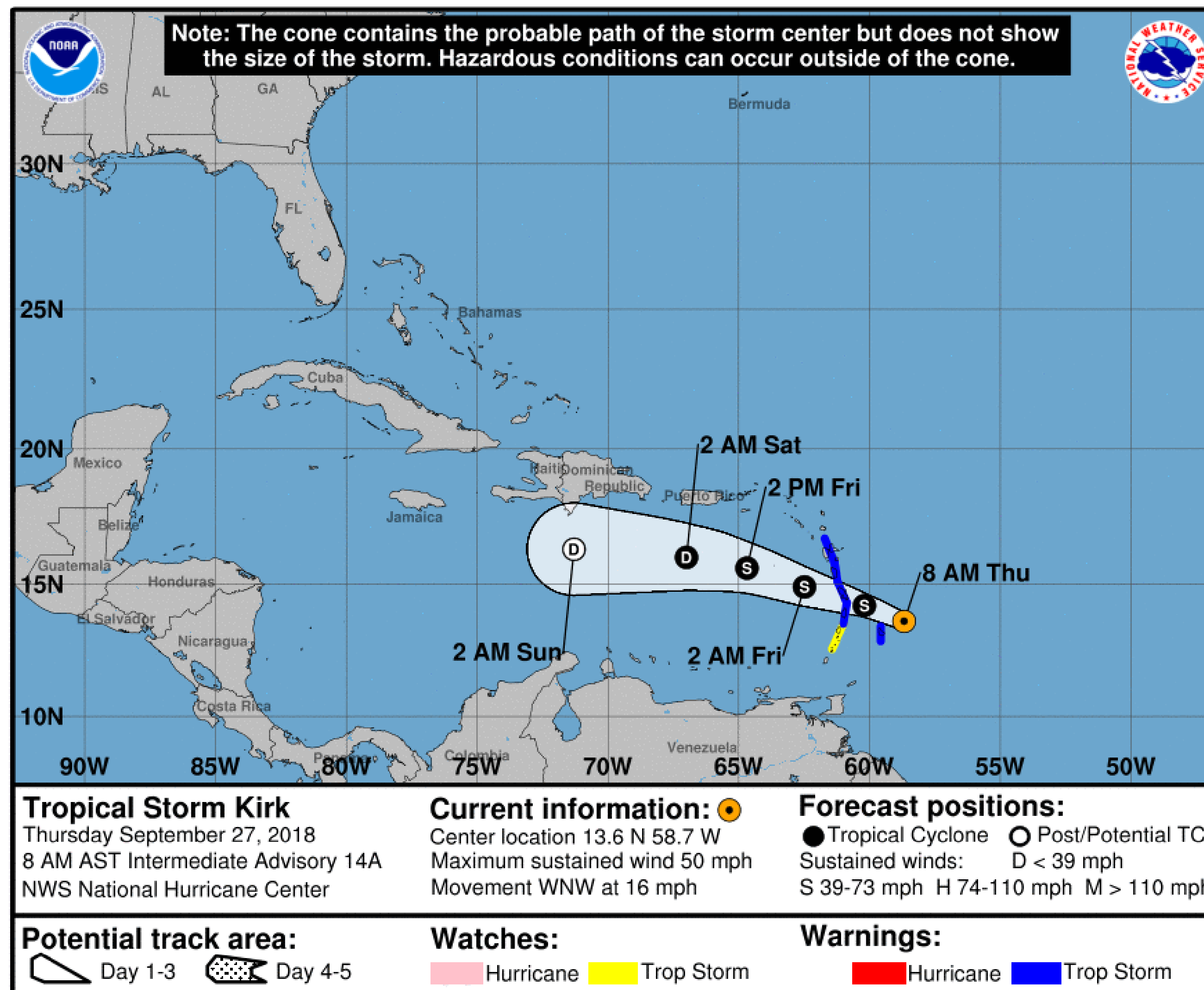
Post-tropical Cyclone Leslie is forecast to meander over the central Atlantic for the next day or so. No impacts to FEMA Region 6.



Tropical Storm Kirk



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Kirk is moving toward the west-northwest near 16 mph. A westward to west-northwestward motion is expected through the weekend.

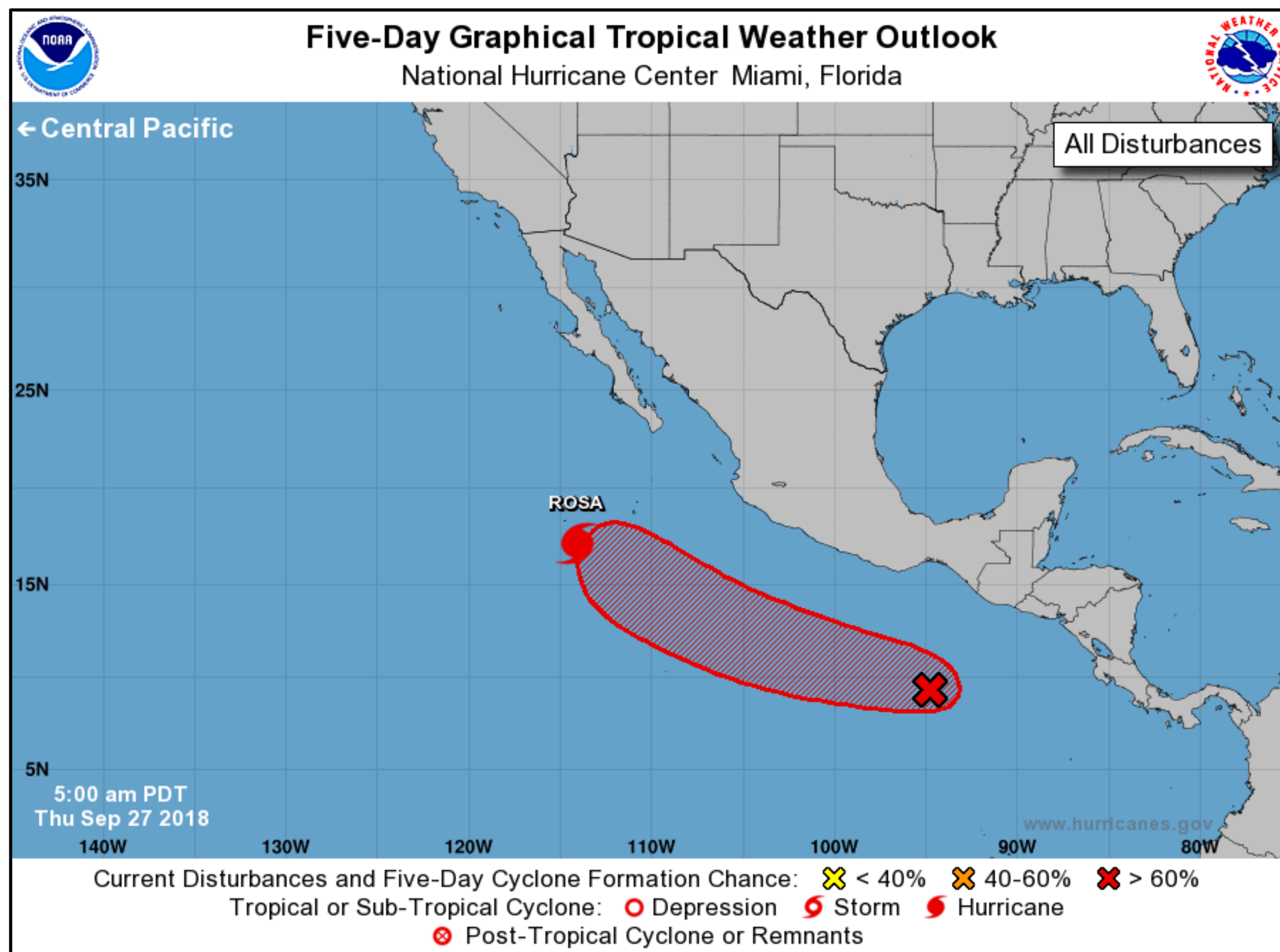
Rapid weakening is expected on Friday after Kirk moves over the eastern Caribbean Sea.

No impacts to FEMA Region 6 are expected.

Tropical Weather Outlook – Pacific



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Hurricane Rosa is forecast to move towards the Baja Peninsula early next week. This system may bring moisture/heavy rain into New Mexico beginning early next week and, with the next system, may last throughout much of the week as well.

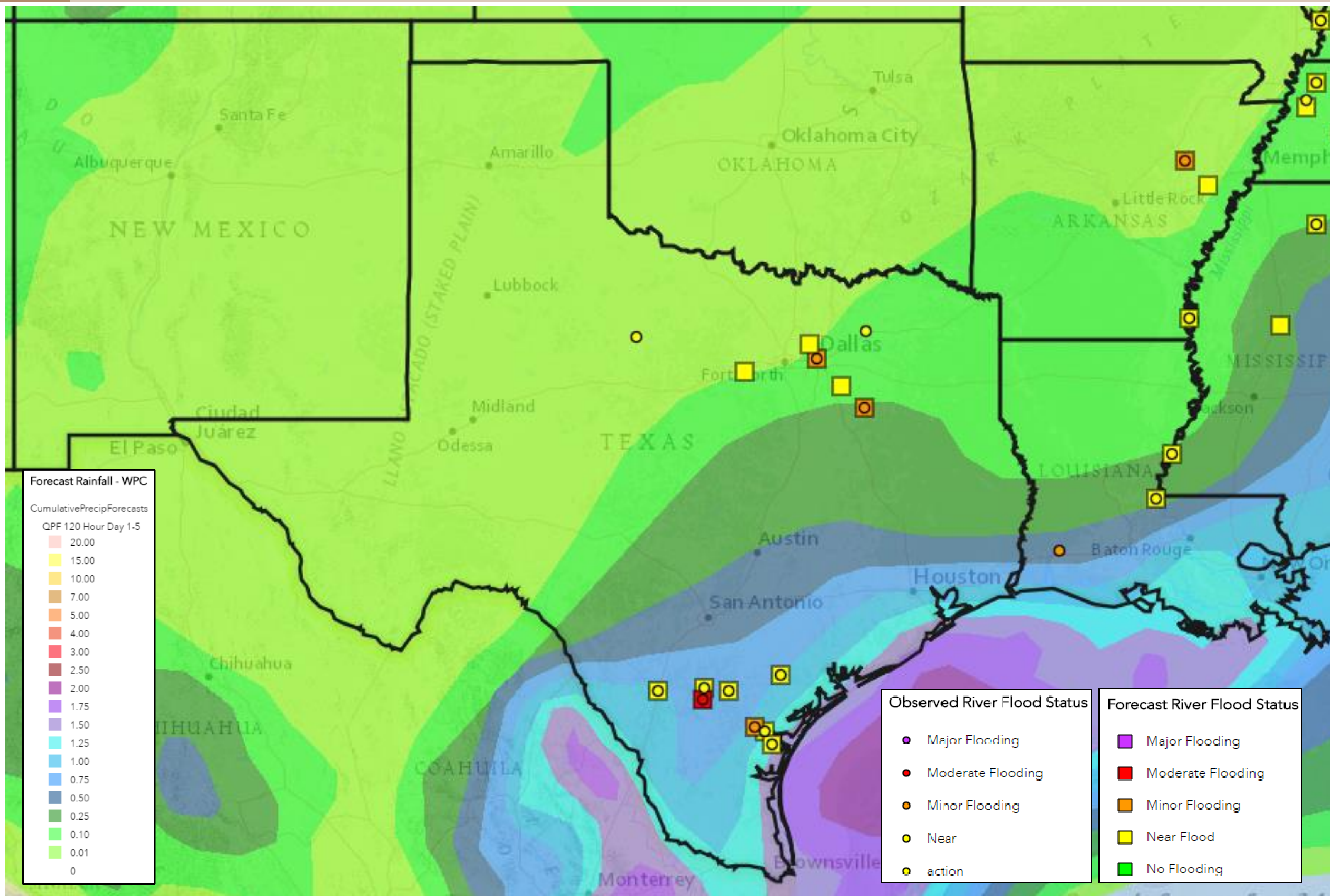


5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



The Clear Boggy Creek above Caney Creek near Caney in SE OK has fallen below Action Stage.

Water will slowly move downstream along the Trinity; should crest at Trinidad late this week. Water will also slowly be draining from the San Antonio and Nueces Rivers. Ongoing flooding on the San Antonio and Nueces and high inflows into Lake Corpus. Forecast rainfall could slow the recession, but no further flooding is expected.

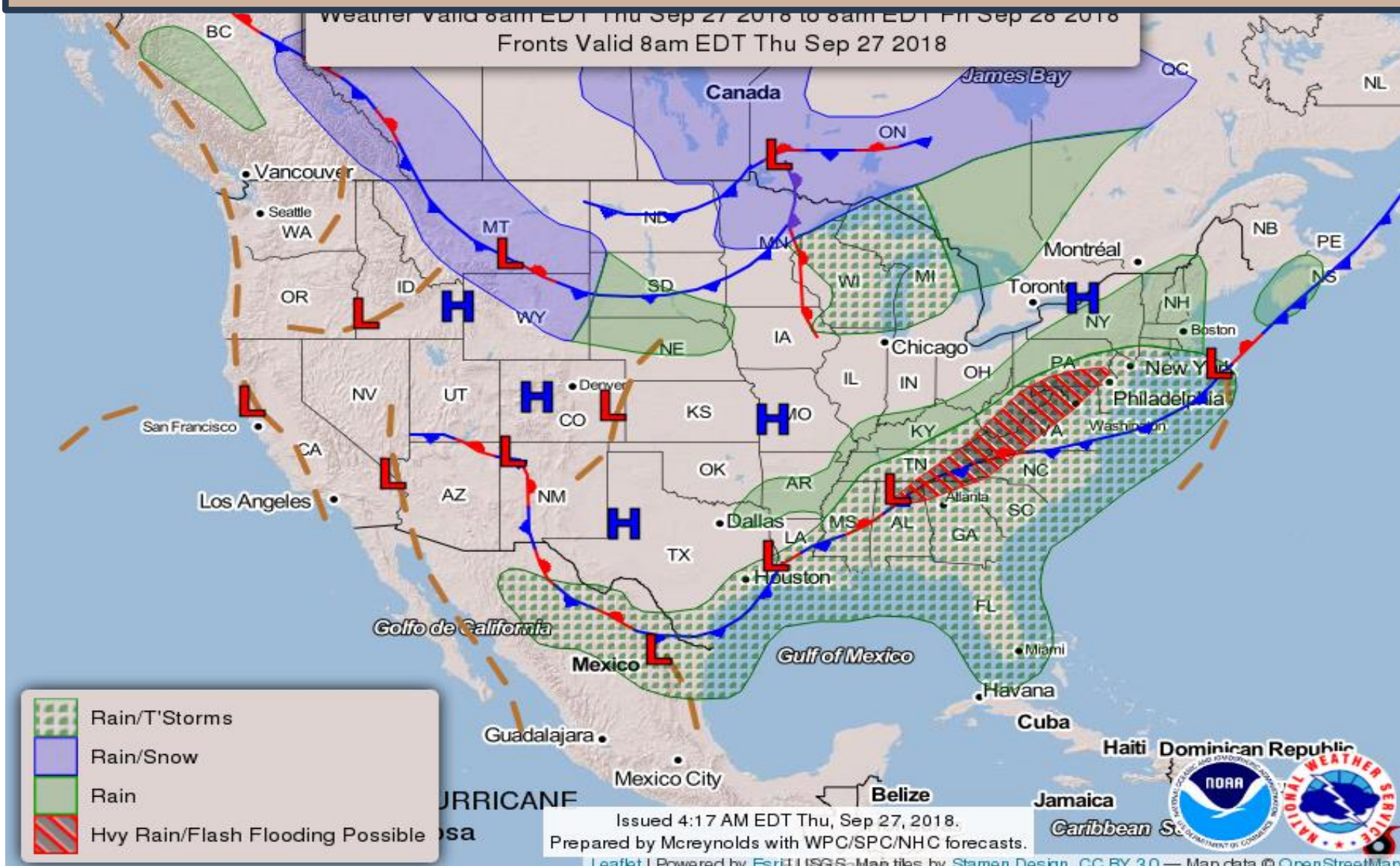
With the currently forecast rainfall over S-Central and SE TX, the flooding on the Nueces River may be prolonged but no additional flooding is expected. Rainfall over the Rio Grande will likely not have widespread impacts as reservoirs have plenty of capacity. Some isolated points in areas that see higher rainfall rates may see some river rises.

Today's Weather

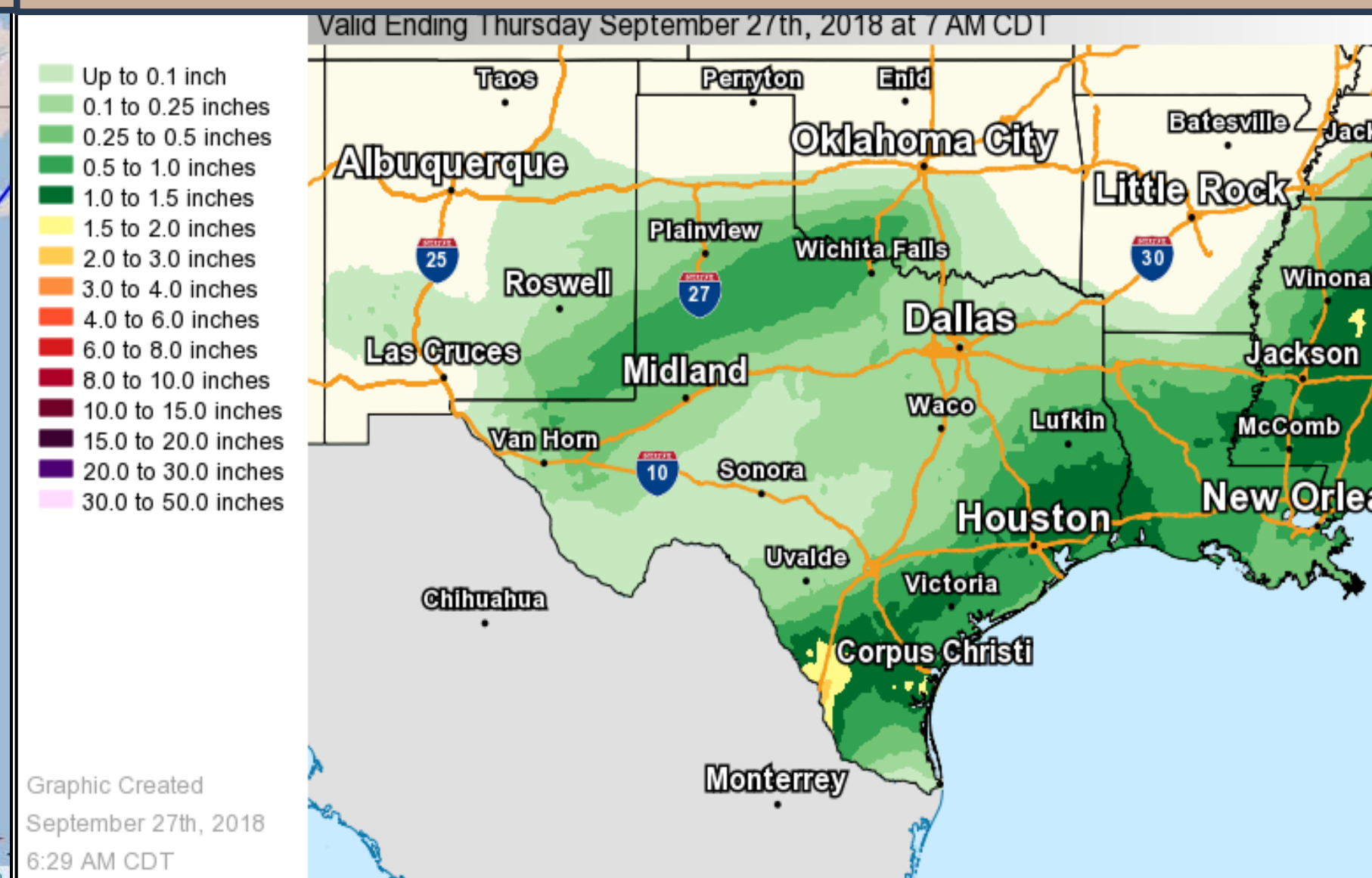


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Forecast Chart



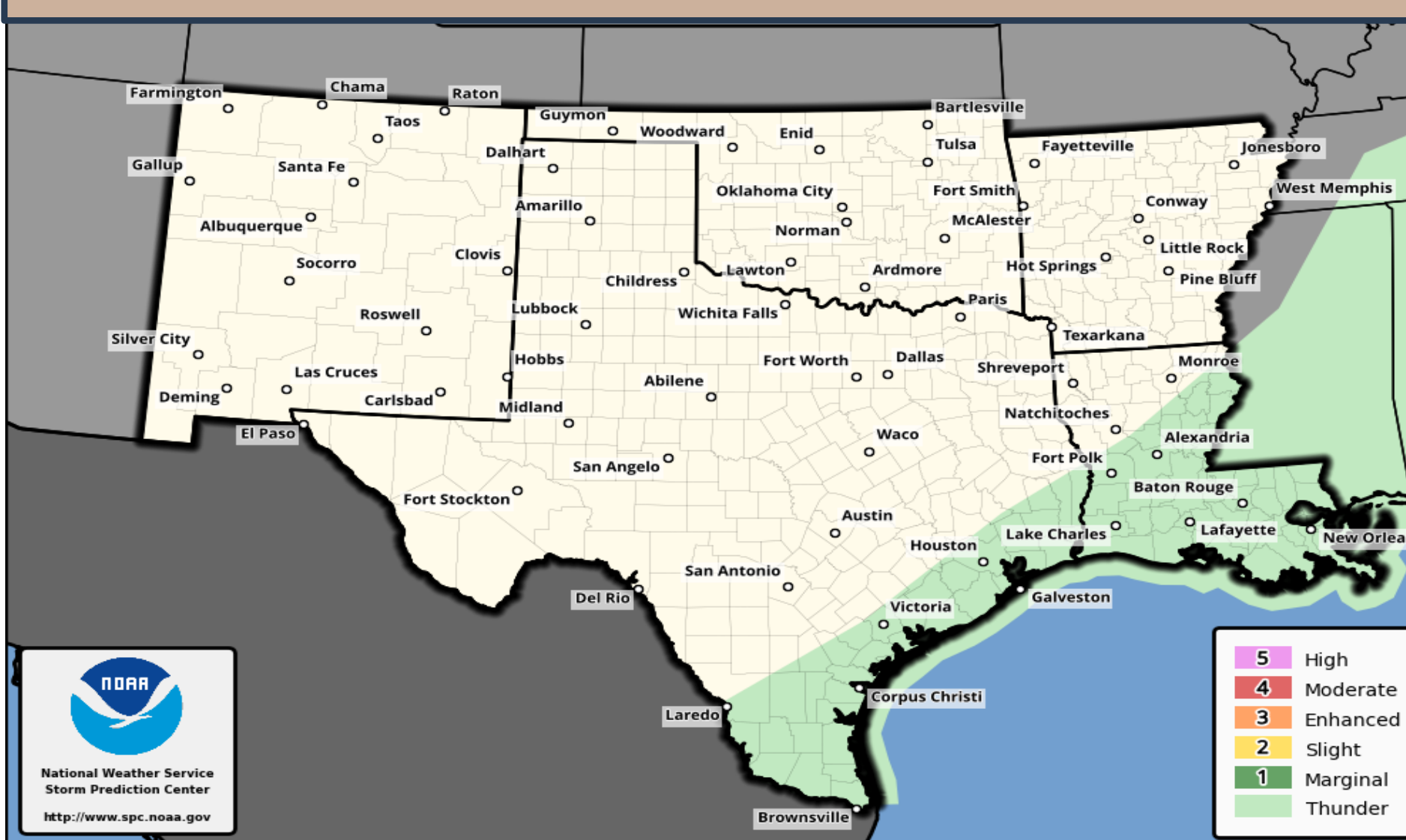
Forecast Rainfall



Isolated heavy rainfall could lead to the potential for flash flooding across STX.

**River Flooding is ongoing
across portions of N & STX.**

Severe Weather Outlook



Excessive Rainfall Outlook



Tomorrow's Weather



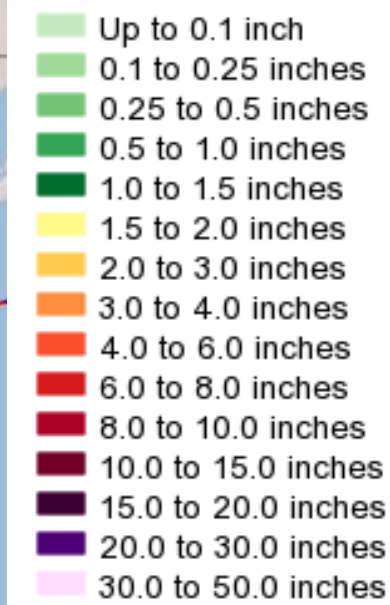
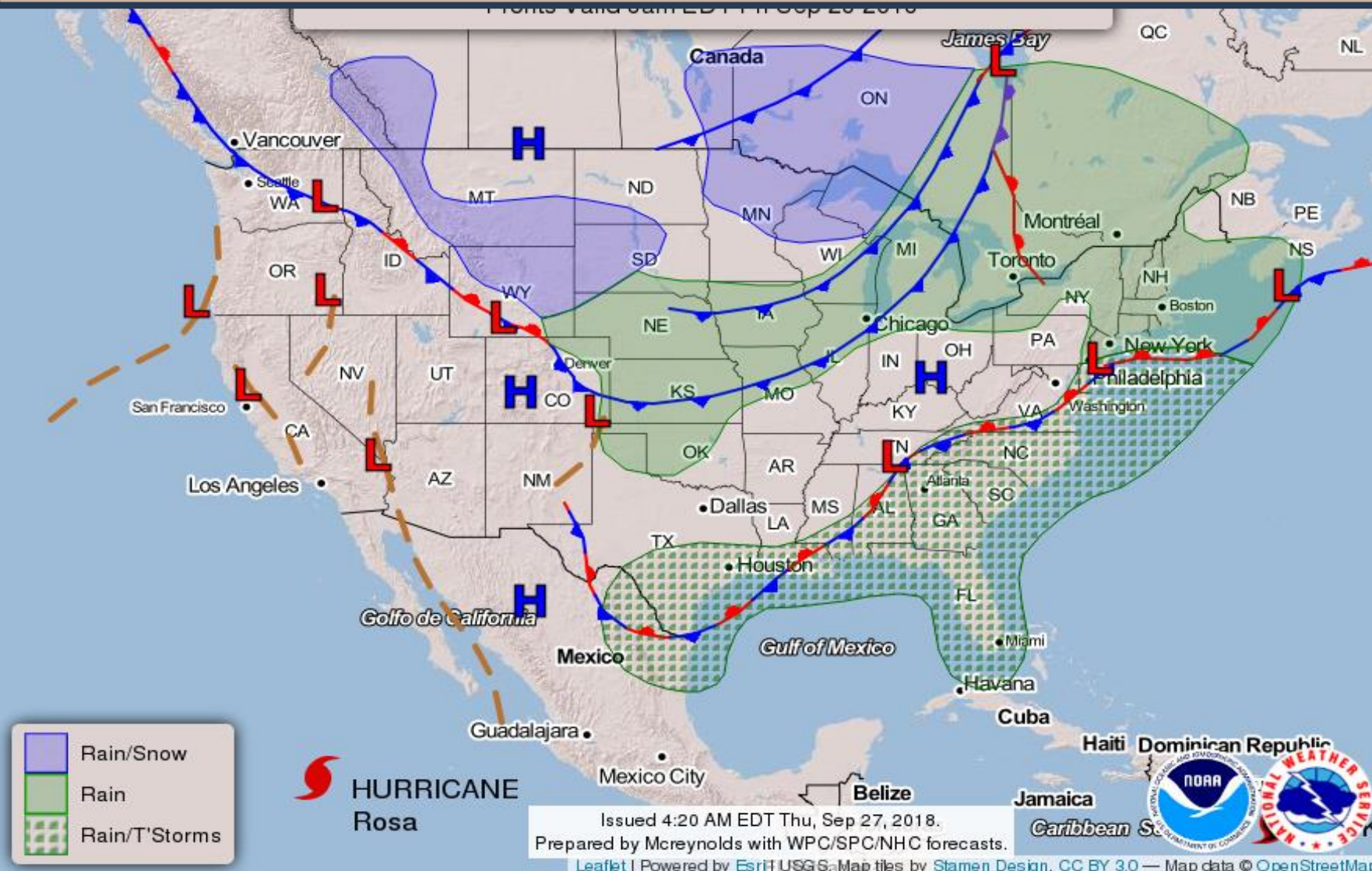
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Forecast Chart

Forecast Rainfall

River Flooding is ongoing across portions of N & STX.

No other significant weather impacts.

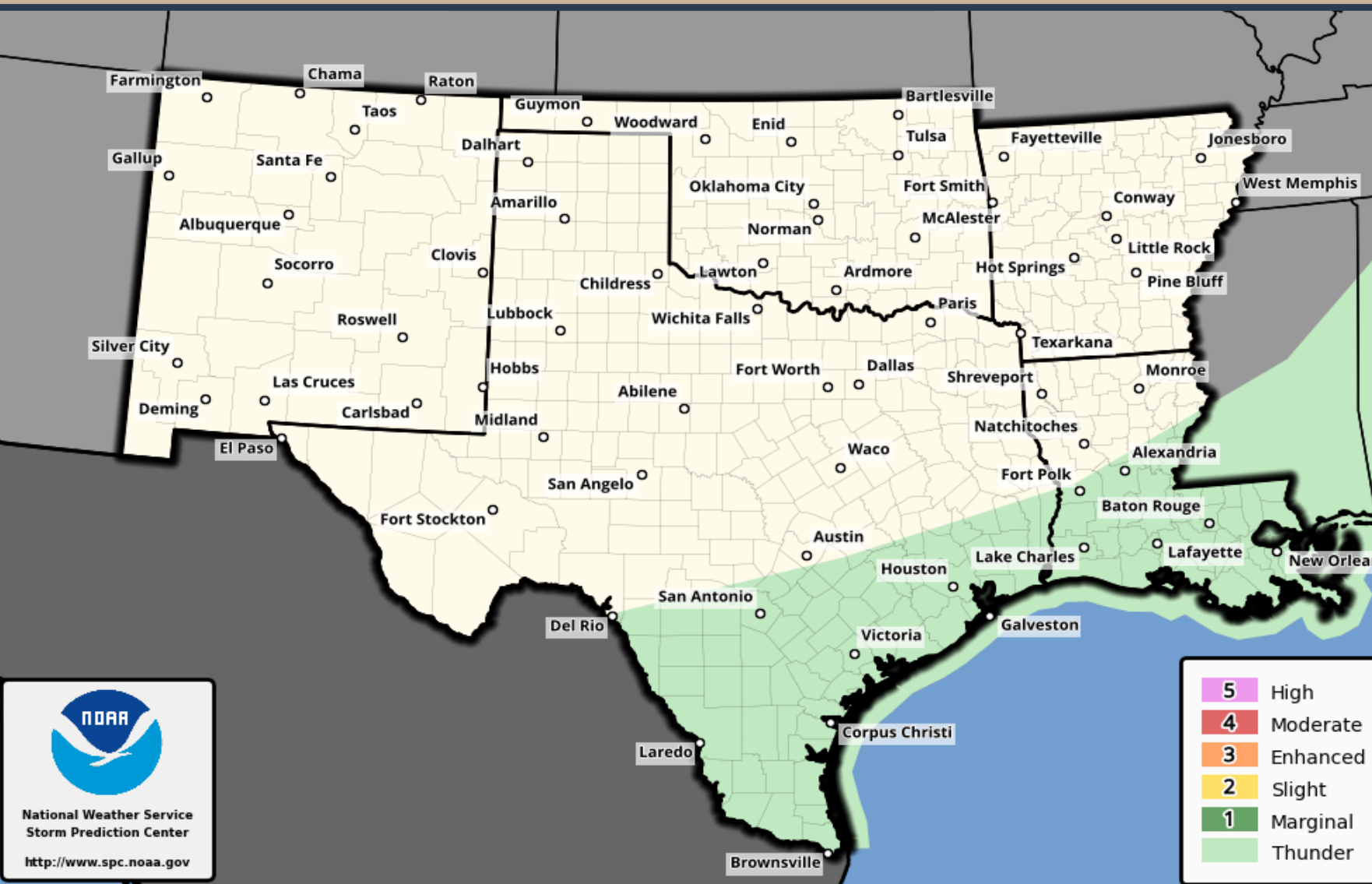


Graphic Created
September 27th, 2018
6:30 AM CDT



Severe Weather Outlook

Excessive Rainfall Outlook



Graphic Created
September 27th, 2018
AM CDT



Saturday's Weather



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Forecast Chart

Forecast Rainfall

**River Flooding is ongoing
across portions of N & STX.**

**No other significant weather
impacts.**

Severe Weather Outlook

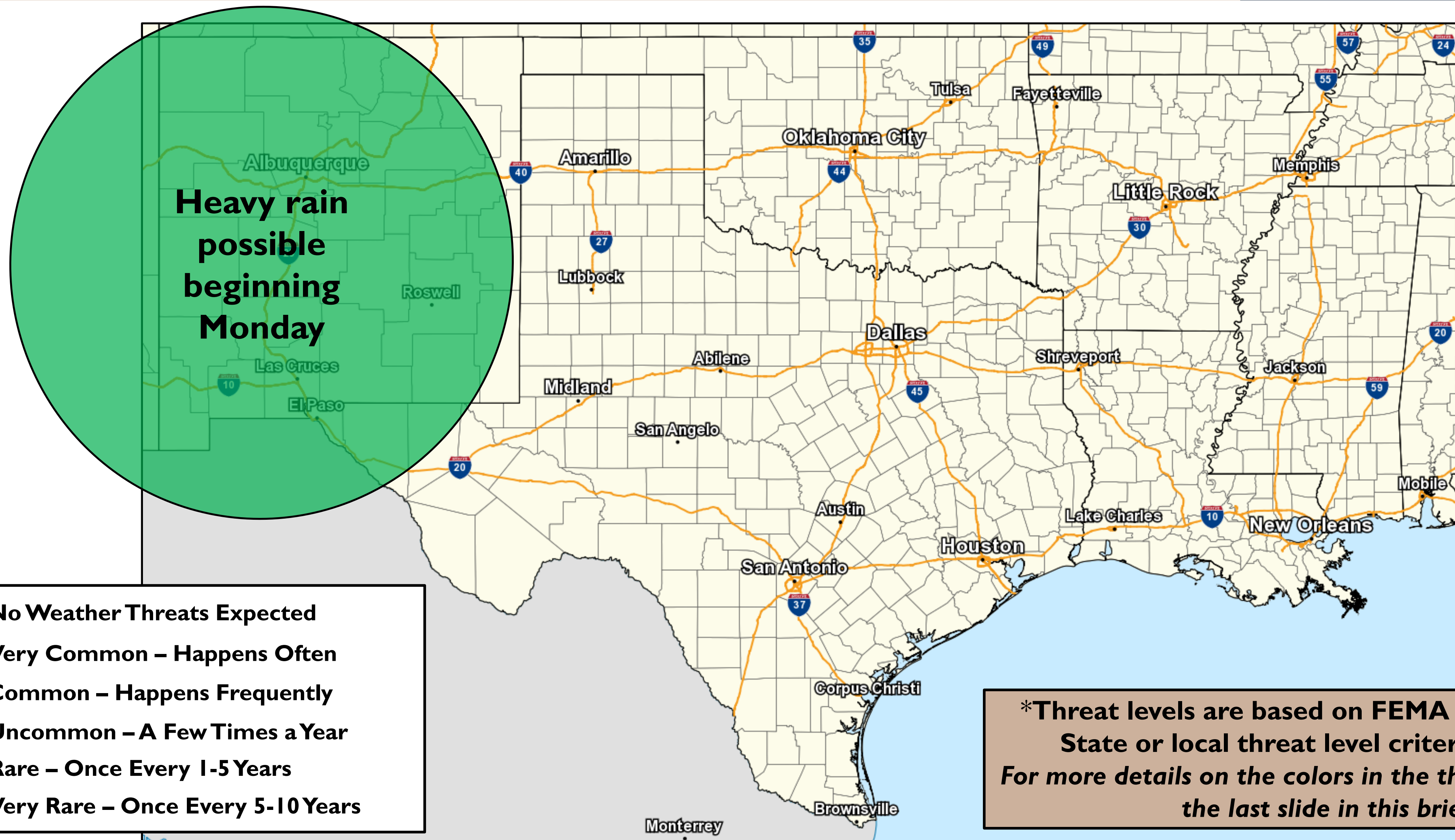
Excessive Rainfall Outlook

Days 4-5 Weather Hazards

Sunday - Monday



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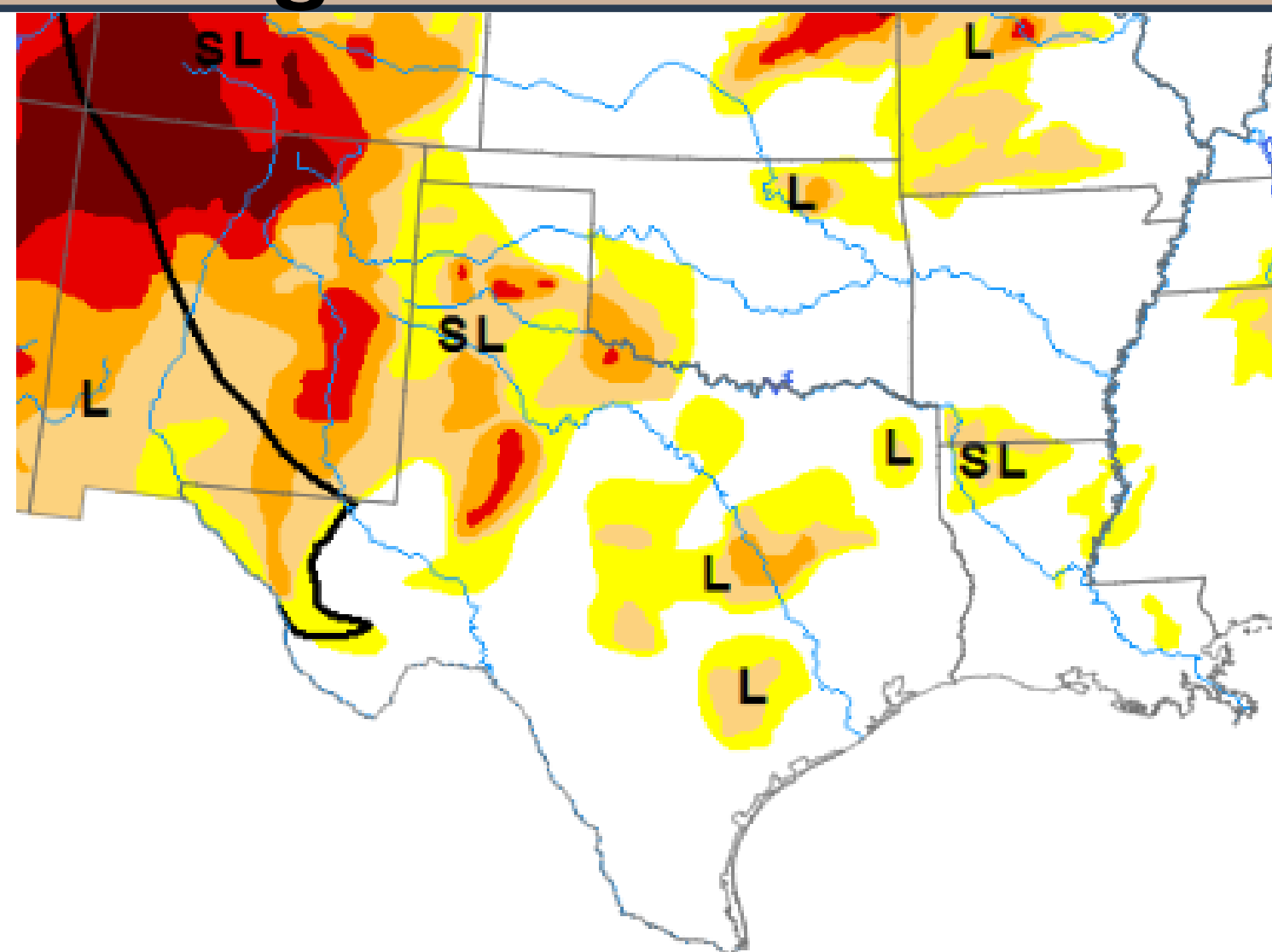
Drought Monitor (Released September 27, 2018)



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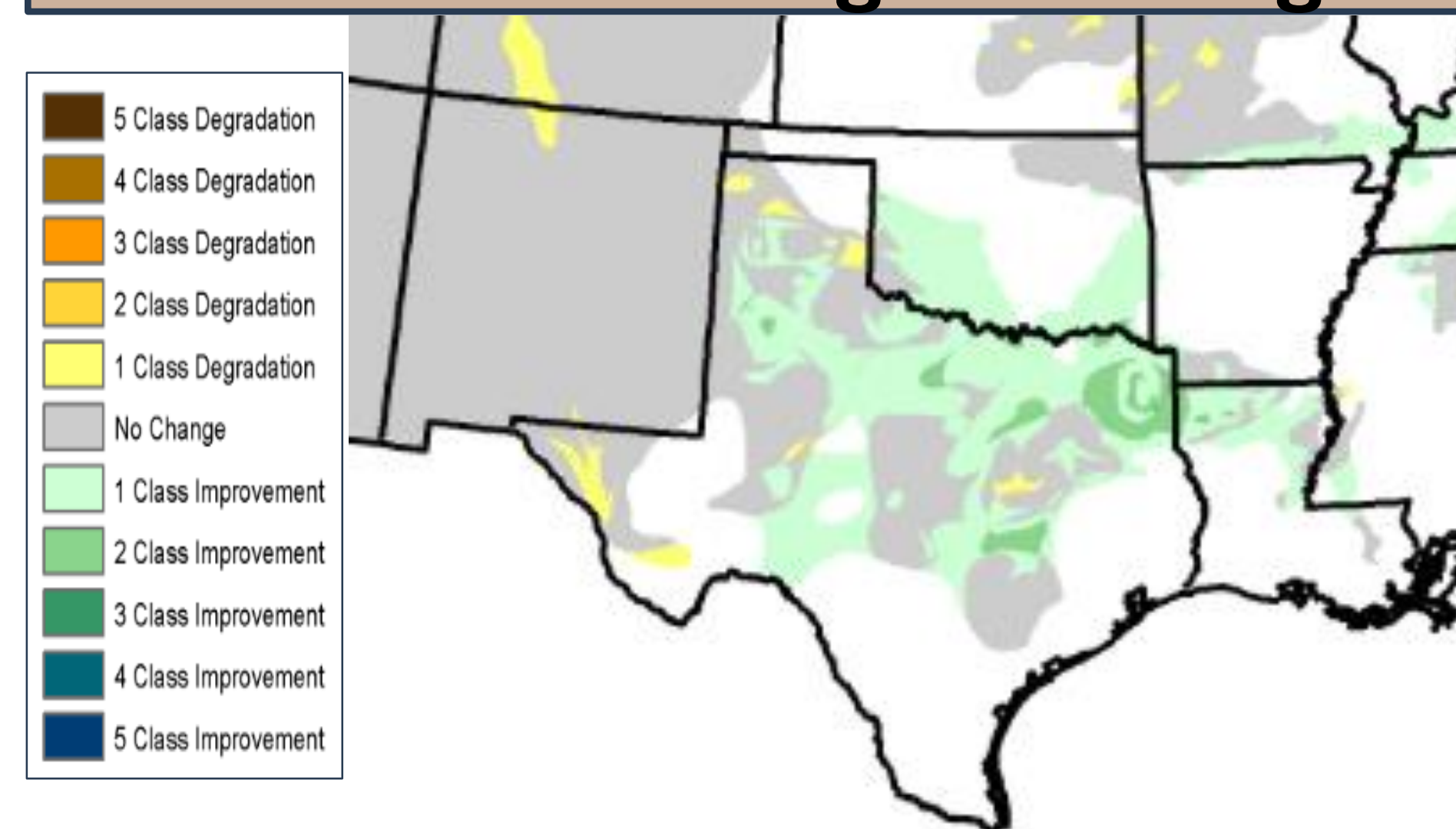
Data valid as of 7am CDT, Tuesday, September 25, 2018

Drought Monitor



Intensity:
D0 Abnormally Dry
D1 Moderate Drought
D2 Severe Drought
D3 Extreme Drought
D4 Exceptional Drought

One Week Change in Drought



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

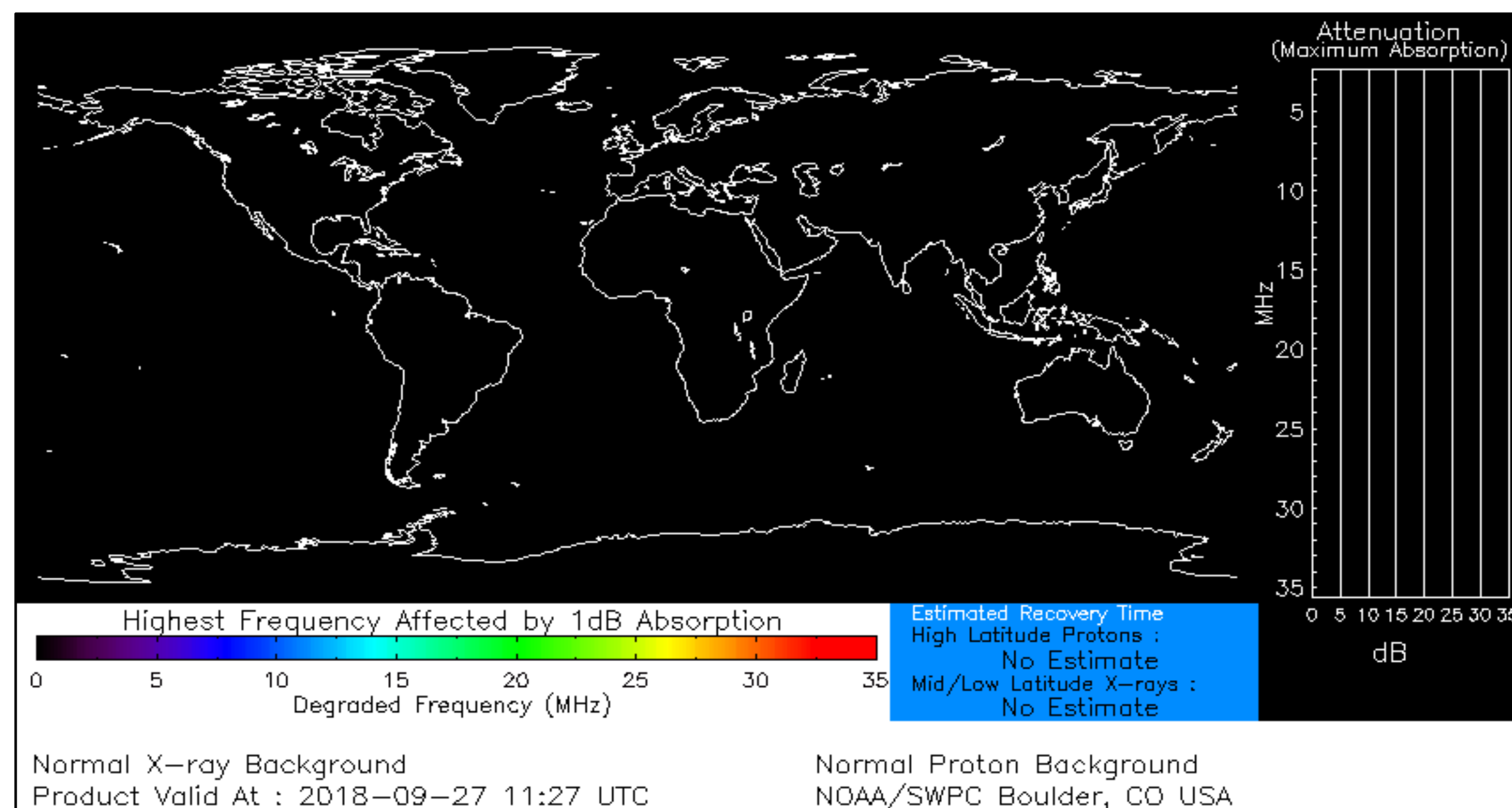
State	Current	Last Week	3 Months Ago	1 Year Ago
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
Oklahoma	0.00%	0.57%	11.75%	0.00%
Texas	0.96%	2.43%	5.07%	0.00%
New Mexico	31.84%	31.84%	57.73%	0.00%

Space Weather 3-Day Forecast



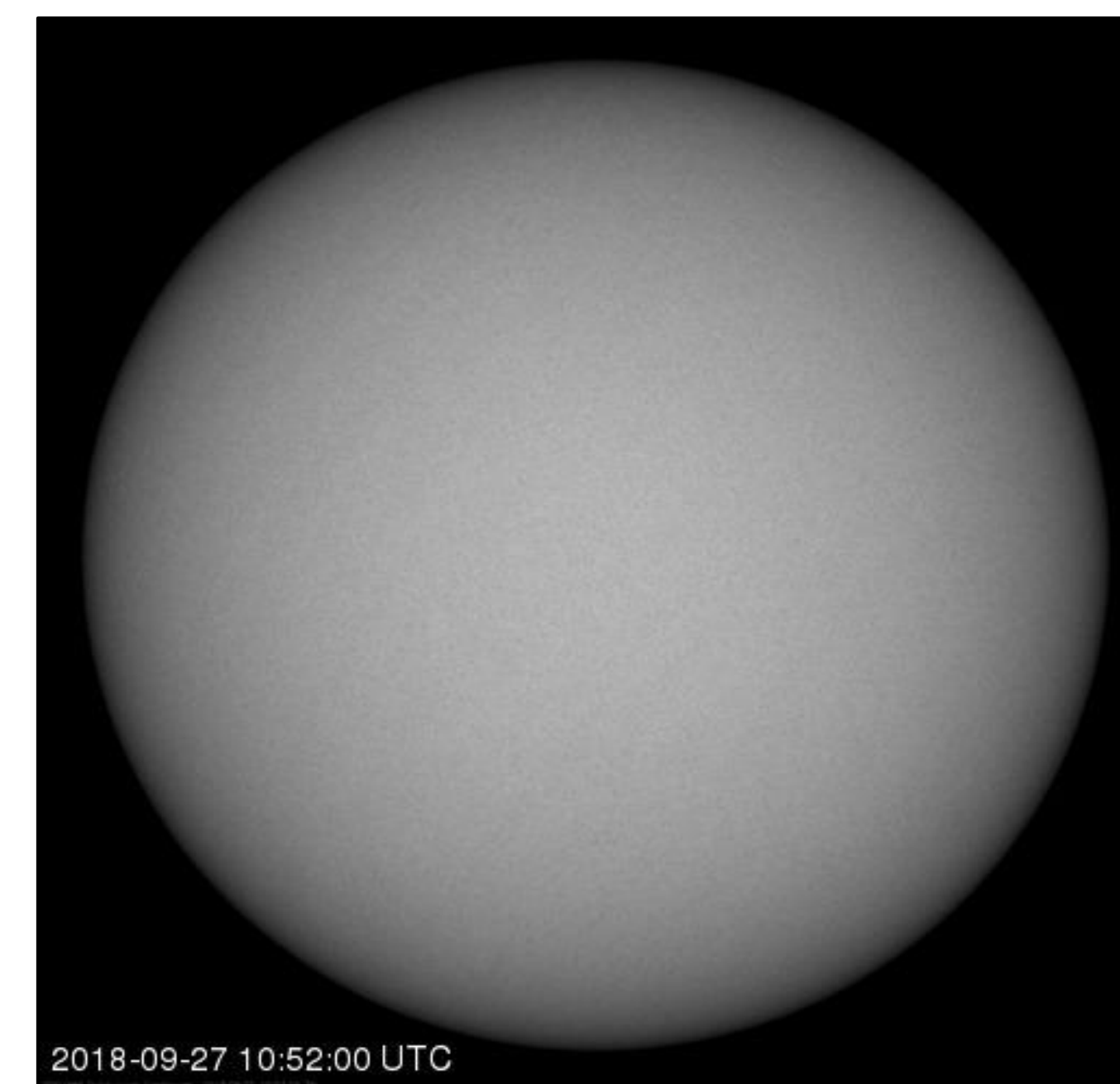
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	Thursday	Friday	Saturday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



2018-09-27 10:52:00 UTC



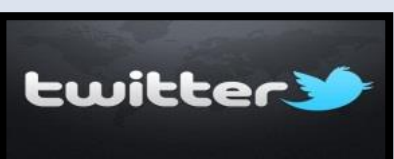
For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov